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Docket No. 70629/7262

OFFICIAL**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s):	Crawford	)	<u>Certificate of Transmission/Mailing</u>
Application No.:	09/994,519	)	I hereby certify that this correspondence is being
Filed:	November 26, 2001	)	facsimile transmitted to the USPTO, Fax. No. (703)
Title:	METHOD FOR ESTIMATING CARRIER- TO-NOISE-PLUS-INTERFERENCE RATIO (CNIR) FOR OFDM WAVEFORMS AND THE USE THEREOF FOR DIVERSITY ANTENNA BRANCH SELECTION	)	872-9306, or deposited with the United States Postal
		)	Service with sufficient postage as first class mail in
		)	an envelope addressed to: Commissioner for Patents,
		)	P.O. Box 1450, Alexandria, VA 22313-1450, on the
		)	date shown below:
Art Unit:	2682	)	<u>05/06/2004</u>
Examiner:	Chin, Vivian C.	)	Date <u>Scott J. Menghani</u>
Customer No.:	22242	)	Registration No. 42,880
Confirmation No.:	1390	)	Attorney for Applicants

Scott J. Menghani

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted:

- Under 37 CFR §1.97(b) (within three months of the filing date of a national application or date of entry of an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last). However, should a first Office Action on the merits be mailed unbeknownst to the undersigned prior to the date of mailing of this paper, the fee requested under §1.17(p) may be charged to Deposit Account No. 06-1135.
- Under 37 CFR §1.97(c) together with either:
 a statement under 37 CFR §1.97(e), or
 a fee under 37 CFR §1.17(p)

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Application No. 09/994,519

Page 2

(after the 37 CFR §1.97(b) time period, but before the mailing date of a final Action, a Notice of Allowance, or an action that otherwise closes prosecution).

— Under 37 CFR §1.97(d) together with:

— a statement under 37 CFR §1.97(e), and

— a fee under 37 CFR §1.17(p)

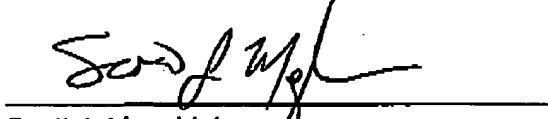
(after the 37 CFR §1.97(c) time period, but on or before payment of the issue fee).

In accordance with the duty of disclosure imposed by 37 CFR § 1.56 to inform the Patent Office of all patents, publications, applications and other information known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 CFR §§ 1.97-1.98 and includes Form PTO-1449 with One (1) reference listed as item AA. Applicants note that the reference listed as Item AA is the International Search Report of a corresponding PCT application and that the individual references listed in this Search Report are cited to the examiner in a separate electronic Information Disclosure Statement filed on today's date.

It is requested that the information provided herein be made of record in this application.

Dated: May 6, 2004

Respectfully submitted,



Scott J. Menghini
Attorney for Applicants
Reg. No. 42,880

Address all Correspondence to:

Scott J. Menghini

FITCH, EVEN, TABIN & FLANNERY

120 So. LaSalle Street, Suite 1600

Chicago, IL 60603

(858) 552-1311

Form PTO-1449 (Modified)		Application No.	09/994,519		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Filing Date	November 26, 2001		
		First Named Inventor	Crawford		
		Art Unit	2682		
		Examiner Name	Chin, Vivian C.		
Sheet 1 of 1		Attorney Docket No.	70629/7262		

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)				

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS							
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	AA		<i>PCT International Search Report</i> , United States International Search Authority (US/ISA), from corresponding PCT Application No. PCT/US02/06425, mailed July 15, 2002, six (6) pages				

Examiner Signature		Date Considered	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			